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TRANS TECH CONSULTANTS (TTC)
SITE SAFETY PLAN
Job No. 3057.01
April 27, 2005

Project Location: 606 Main Street
Ferndale, California

Job Number: 3057.01

Client: Mr. Phillip Ostler
55 N. Venice Blvd, Suite 503
Venice, CA 90291-4142

Site Description

The western half of the subject property is relatively flat, while the eastern half slopes gently to the east. The site is located approximately 1/8 mile east of Francis Creek, and is bounded on the northeast by a private residence, on the northwest by Main Street, on the southeast by a lumber yard, and on the southwest by Shaw Avenue. The property contains one partially detached structure and two larger continuous buildings which house a variety of small businesses, including the former Fern Cafe.

Field Work

In order to assess the current levels of groundwater impact, we propose to advance four soil borings at the approximate locations shown on Plate 1. Two of the proposed soil borings will be placed adjacent to the former soil boring SB-12 and two soil borings will be placed offsite. The proposed soil borings will be advanced using hollow stem auger equipment and will be drilled to a total depth of approximately 10 to15 BGS. The analytical results of the groundwater samples collected from the borings will be evaluated and compared with the results obtained from samples collected during the October 2002 Investigation.

Our geologist will observe the drilling procedures and obtain soil samples at maximum depth intervals of 5 feet, at pronounced changes in soil type, from zones of obvious contamination, and from just above free groundwater. Soil samples will be collected for classification and field screening using a 2.0-inch inside diameter split-spoon sampler lined with clean stainless steel sample tubes, and will be classified in accordance with the Unified Soil Classification System.

Samples collected for laboratory chemical analysis will be recovered in pre-cleaned stainless steel tubes. Upon recovery, the laboratory samples will be collected using encore type sample containers, in accordance with the EPA 5035 sampling and preservation protocols. Sample containers will be labeled, placed on ice, and transported under chain-of-custody protocol to a laboratory that is State-certified for the analyses requested within 48 hours of sample recovery.

Sampling equipment will be cleaned with a phosphate free detergent solution and double rinsed with clean water between sampling events. Drilling and sampling equipment will be steam cleaned between borings. At the completion of drilling activities, the soil borings will be abandoned by tremmie grouting with a cement/bentonite grout and capping with asphalt or concrete, where appropriate. The soil cuttings generated by the investigation will contained in 55-gallon DOT drums and stored onsite, pending disposal. Rinse water generated by the field investigation will be contained in a wooden frame, lined with 6 mil plastic sheets and pumped into 55-gallon drums, pending disposal.

Level of Protection

Equipment to protect the body from contact with chemical hazards has been categorized by the Environmental Protection Agency into levels A, B, C, & D. Level A equipment is used when the highest level of protection is needed; Level D equipment is used when minimum protection is needed. The chemical hazard associated with petroleum hydrocarbons is typically low and Level D protection (see equipment list below) is adequate. In case of high levels of contamination, an upgrade to Level C protection equipment may be advised. Level C and D equipment are listed below.

Level C Equipment

Level C equipment is used when the type of airborne substances is known, concentration measured, criteria for air purifying respirators (APR) is met, and skin and eye exposure is unlikely. The required equipment for this level of protection is an NIOSH/MSHA approved APR, chemical resistant clothing, chemical resistant inner and outer gloves, chemical resistant boots with steel toe and shank, and hard hat.

Level D Equipment

Level D equipment is primarily a work uniform, it should not be used on any site where respirator or skin hazards exist. He required equipment for this level of protection is a dust mask or no respirator protection, eye protection, gloves, coveralls, chemical resistant boots or shoes with steel toe and shank, and hard hat. Tyvex overalls and Solvex or equivalent gloves are recommended. Level D equipment is required for this investigation.

Equipment Required for This Investigation

Level D equipment is required for this investigation. Normal work clothing and safety glasses should be worn for site work. Nitrile gloves, chemical resistant boots or shoes with steel toe and shank, and hard hats are also required. Hearing protection is recommended. Air monitoring will be performed with combustible gas meter during the investigation to determine weather an upgrade to Level C protection is advisable. Loose clothing should be avoided.

Equipment Decontamination

Decontaminate sampling equipment by washing with a phosphate free detergent wash and rinsing with de-ionized water. Rinsate water will be contained and pumped into 55-gallon DOT drums and stored on site pending disposal.

Site Resources

Toilet, drinking water, and telephone facilities are available onsite.

Emergency Equipment

Eyewash, emergency rinse water, first-aid kit, fire extinguisher, and respirators will be carried in company vehicle onsite. Reflective saftey vests must be worn when working within the Right-of-Way.

SITE SPECIFIC SAFETY HAZARDS

The site specific safety hazards associated with this investigation include the following:

1) Traffic on Main Street
2) Slips, trips and falls
3) Underground utility hazard when drilling
4) Overhead utility hazards
5) Hazards associated with heavy equipment used during drilling procedures
6) Noise

7) Inclement weather (heat, cold, lightning, etc...). If lightning strikes are observed, or are considered to be likely all drilling operators shall cease until the forman for the drillers and Trans Tech agree to proceed.
8) All subconsultants/contractors must have current task specific safety training.

Telephone Numbers

Ambulance:	911 or (707) 445-4907
Police:	911 or (707) 786-4225
Fire Department:	911 or (707) 786-9515
Hospital:	Redwood Memorial Hospital 3300 Renner Drive Fortuna, California 95540 (707) 725-3361
Client contact:	Mr. Phillip Oster (310) 822-2287
Poison control center:	(800) 523-2222 (415) 821-8324
Project Manager	Lee S. Hurvitz Office: (707) 575-8622 Cell: (707) 799-9482
Health and Safety Officer	Lee S. Hurvitz Office: (707) 575-8622 Cell: (707) 799-9482

Emergency Route : Map Attached, Plate 2

PROJECT PERSONNEL LIST AND SAFETY PLAN DISTRIBUTION RECORD

TTC Employees:

All project staff must sign, indicating they have read and understand the safety plan. A copy of this safety plan must be made available for their review and readily available at the job site.

Employee Name	Date of H&S Training	Date Distributed	Signature

Health and Safety Meeting:

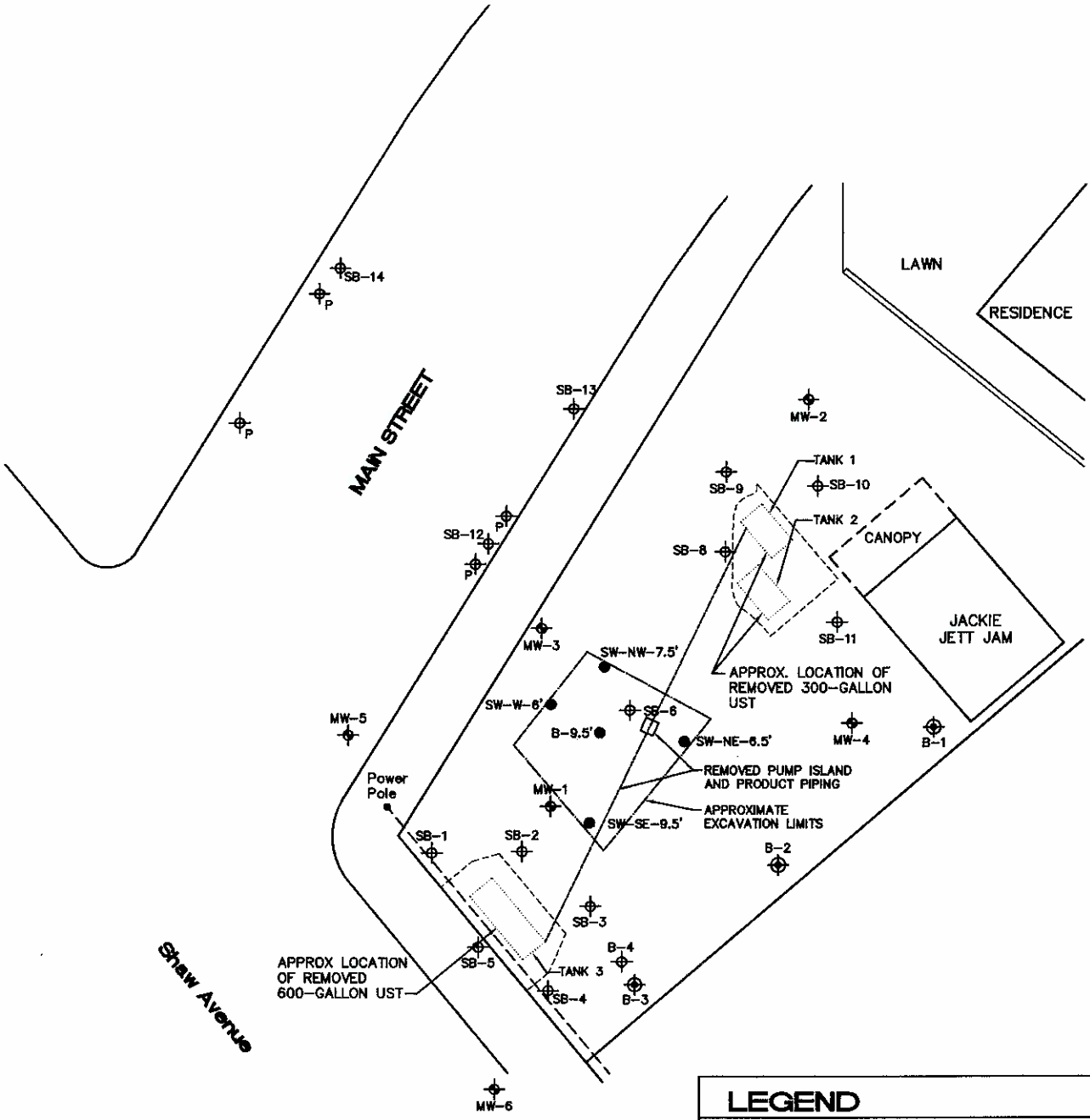
All personnel participating in the project must receive initial health and safety orientation. Thereafter, a brief tailgate safety meeting is required before beginning work each day.

Date	Topics	Attendant	Name of Firm Name	Employee Initials

This plan is prepared to inform all field personnel, including TTC contractors and TTC subcontractors, of the potential hazards on the site.

PLAN PREPARED BY: _____ _____
Signature Date

PLAN APPROVED BY: _____ 4/27/05
Signature Date



LEGEND

- PROPOSED SOIL BORING LOCATION
- HYDROPUNCH SAMPLING LOCATION
- MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION
- SOIL BORING LOCATION
- PREVIOUS EXCAVATION LIMITS
- NEW EXCAVATION LIMITS

N

0' 2' 4' 8' 16'

1/16" = 1'

TRANS TECH CONSULTANTS
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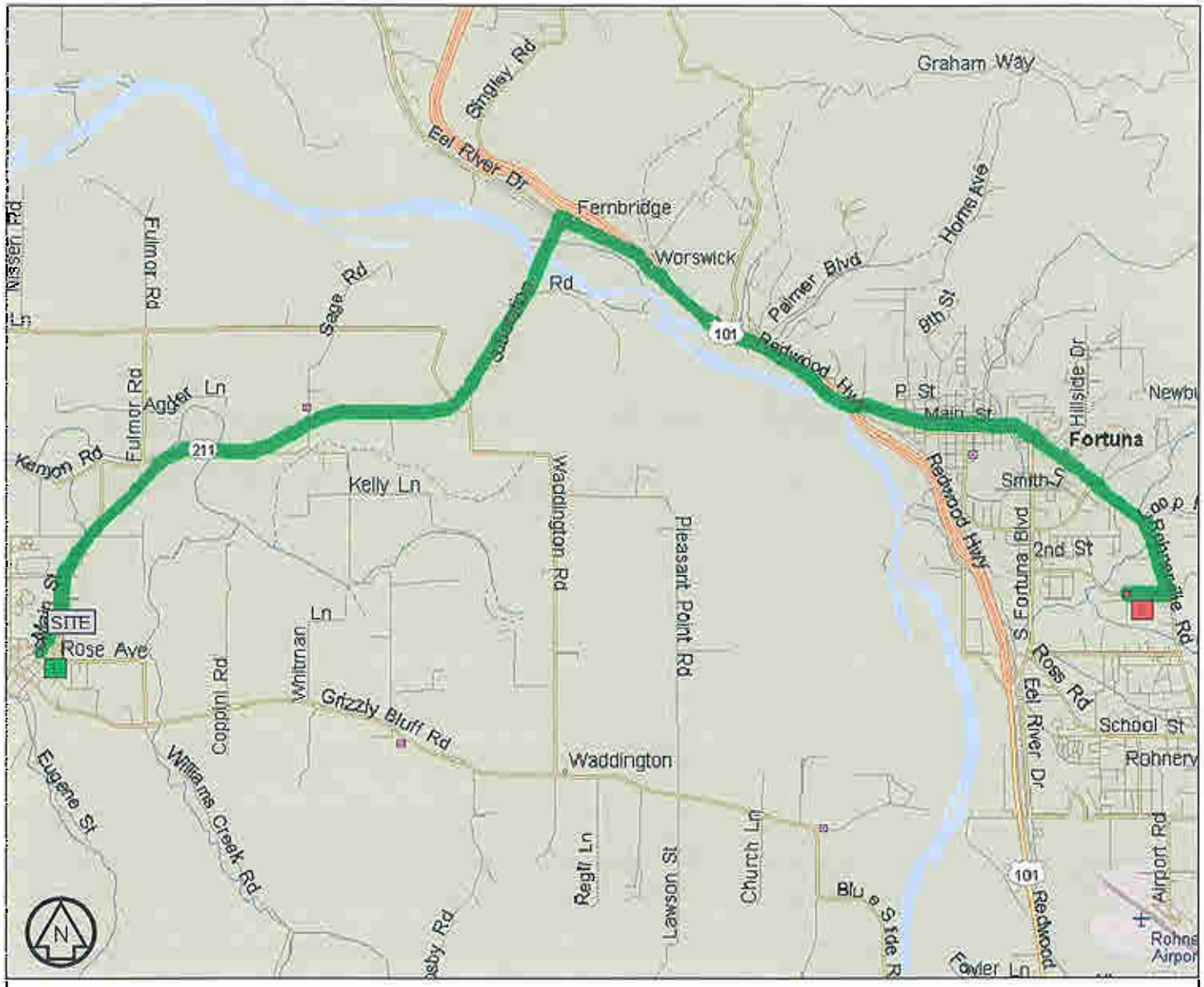
WINDSOR, CA 95492
PHONE: 707-575-8622 FAX: 707-837-7334

SITE PLAN

FERN CAFE
606 MAIN STREET
FERNDALE, CALIFORNIA

PLATE: 1

DRAWN BY:	DWG NAME:	APPR. BY:	JOB NUMBER:	W.O. NUMBER:	REVISIONS:	DATE:
PSC	3057.01 SP	LSH	3057.01	A-684		2/11/05



Depart SITE on SR-211 [Main St] (North-East) 5.2 mi
Turn off onto Ramp 0.2 mi
Bear RIGHT (South-East) onto US-101 [Redwood Hwy] 1.1 mi
At US-101 Main St Exit, continue (South-East) on Ramp 0.4 mi
Bear RIGHT (East) onto Main St 1.1 mi
Bear LEFT (East) onto Rohnerville Rd 1.3 mi
Turn RIGHT (West) onto Renner Dr 0.3 mi
Arrive Redwood Memorial Hospital

Driving distance: 9.6 miles

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HOSPITAL ROUTE MAP

FERN CAFE
606 MAIN STREET
FERNDALE, CALIFORNIA

PLATE: 2

DRAWN BY:	DWG NAME:	APPR. BY:	JOB NUMBER:	W.O. NUMBER:	REVISIONS:	DATE:
PSC	3057.01 HR	PBL	3057.01.03	A-743		4/21/05